

**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 18 - 20 as follows:

Claims 1-17 (previously canceled)

18. (Currently Amended) A probe tip for mixing liquids within the tip after aspiration of the liquids therein to, said tip comprising:

an end portion adapted to engage an aspirating probe,  
a wall defining 3 three connected cavities of unequal inside  
diameters, a compartment one of the compartments being formed by a middlemost  
cavity being sandwiched as a middle compartment between the other two cavities  
which form end compartments, each two adjacent cavities being connected by a transition zone wall and said inside diameters being sufficiently unequal in said adjacent 2 two cavities as to cause rotational mixing of liquids as they move past said transition zone wall,

wherein at least one of said transition zones of the one  
middlemost cavity is formed by a variance of said inside diameter that increases in value as the middlemost cavity is transited outward into at least one either of said other two end cavities.

19. (Currently Amended) A probe tip as defined in claim 18, wherein one of said end cavities is defined by a wall portion removably mounted on a wall defining said middlemost cavity.

20. (Currently Amended) A probe tip as defined in claim 18 or 19, wherein the inside diameter of at least one of said end cavities is at least equal to three times the value of the smaller of said differently valued inside diameters.

21. (new) A probe tip as claimed in claim 18, wherein both transition zones of the middlemost cavity are formed by a variance of said inside diameter that increases in value as the middlemost cavity is transited outward into each of said other two end cavities.

22. (new) A combination aspirating probe and probe tip comprising: the probe tip as claimed in claim 18 and an aspirating probe, wherein the probe tip is adapted to fit onto the end of the aspirating probe.